

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:

10/604,630

Application of:

Danner, et al.

**Confirmation No.:** 

1629

Filed:

August 6, 2003

**Group Art Unit:** 

2674

**Examiner:** 

Edouard, Patrick N.

**Attorney Docket No.:** 

H-356

**Customer No.:** 

26245

Cambridge, Massachusetts June 15, 2005

### **INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

Sir:

The applicant is filing this Information Disclosure Statement to make of record US and foreign patents and applications, and non-patent references. The references it is desired to make of record are listed on the accompanying Forms.

All of the references filed herewith are in the English language so that, pursuant to 37 CFR 1.98(a)(3), no statement of the relevance of each reference is required.

The Examiner is respectfully asked to note that, for the convenience of both the Examiner and the undersigned attorney, certain prior art documents mentioned in the application have been replaced by their US equivalents or other convenient equivalents, as follows:

Danner, et al. Serial No. 10/604,630 Information Disclosure Statement of June 15, 2005 Page 2

Document not supplied	Alternative supplied
US20020019081	US6825068
US20020021270	US6816147
US20020053900	US6512354
US20020063677	US6518949
US20020075556	US6788449
US20020106847	US6683333
US20020131147	US6866760
US20020145792	US6538801
US20020171910	US6870661
US20020180688	US6864875
US20020185378	US6822782
US20030011867	US6657772
US20030011868	US6753999
US20030025855	US6831769
US20030034949	US6842167
US20030038755	US6819471
US20030053189	US6825970
US20030076573	US6704133
US20030096113	US6721083
WO 00/20922	US6839158
WO 00/38001	US6724519
WO 01/08241	US6842657
WO 02/01281	US6672921
WO 99/67678	EP1145072B1

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In accordance with 37 CFR 1.98(a)(2) no copies of the listed U.S. patents and applications are being filed. Copies of foreign and non-patent references B1-B10 and C1-C19 are filed herewith.

Because this Information Disclosure Statement is being filed prior to the issue of the first Office Action, it is believed that no fee is required in connection with this Information Disclosure Statement. If however any fee is required, please charge the assignee's Deposit Account 501162, on which the undersigned attorney is an authorized signatory

Respectfully submitted,

David J. Cole Registration No. 29629

E INK Corporation 733 Concord Avenue Cambridge MA 02138

Telephone (617) 499-6069 Fax (617) 499-6200 E-mail dcole@eink.com

DJC/grw

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# **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Using as many sheets as necessary)

Sheet:

Complete if Known		
Application Number	10/604,630	
Filing Date	August 6, 2003	
First Named Inventor	Danner	
Art Unit	2674	
Examiner Name	Edouard, Patrick N.	
Attorney Docket No. H-356		

	U.S. Patent Documents				
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
	A1	D485294	01/13/2004	Albert	,·
	A2	20050035941	02/17/2005	Albert et al.	
	A3	20040119681	06/24/2004	Albert et al.	
	A4	20040075634	04/22/2004	Gates	
	A5	20040027327	02/12/2004	LeCain et al.	
	A6	20040014265	01/22/2004	Kazlas et al.	
	A7	20040012839	01/22/2004	Cao et al.	
	A8	20030222315	12/04/2003	Amundson et al.	
	A9	20030214695	11/20/2003	Abramson et al.	
	A10	20030151702	08/14/2003	Morrison et al.	
	A11	20030132908	07/17/2003	Herb et al.	
	A12	20030102858	06/05/2003	Jacobson et al.	
	A13	20030020844	01/30/2003	Albert et al.	
	A14	20030011560	01/16/2003	Albert et al.	
	A15	20020180687	12/05/2002	Webber	
	A16	20020130832	09/19/2002	Baucom et al.	
	A17	20020113770	08/22/2002	Jacobson et al.	
	A18	20020090980	07/11/2002	Wilcox et al.	
	A19	20020063661	05/30/2002	Comiskey et al.	
	A20	20020060321	05/23/2002	Kazlas et al.	
	A21	6870661	03/22/2005	Pullen et al.	
	A22	6866760	03/15/2005	Paolini, Jr. et al.	
	A23	6865010	03/08/2005	Duthaler et al.	
	A24	6864875	03/08/2005	Drzaic et a.	
	A25	6842657	01/11/2005	Drzaic et al.	
	A26	6842279	01/11/2005	Amundson	
	A27	6842167	01/11/2005	Albert et al.	
	A28	6839158	01/04/2005	Albert et al.	
	A29	6831769	12/14/2004	Holman et al.	· · · · · · · · · · · · · · · · · · ·
	A30	6825970	11/30/2004	Goenaga et al.	

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\*\*IApplicant's unique citation designation number (optional). \*\*2Applicant is to place a check mark here if English language Translation is attached.

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	A31	6825829	11/30/2004	Albert et al.	
	A32	6825068	11/30/2004	Denis et al.	
	A33	6822782	11/23/2004	Honeyman et al.	
-	A34	6819471	11/16/2004	Amundson et al.	
	A35	6816147	11/09/2004	Albert	
	A36	6788449	09/07/2004	Liang et al.	
	A37	6753999	06/22/2004	Zehner et al.	
	A38	6750473	06/15/2004	Amundson et al.	
	A39	6738050	05/18/2004	Comiskey et al.	
	A40	6727881	04/27/2004	Albert et al.	
	A41	6724519	04/20/2004	Comiskey et al.	
	A42	6721083	04/13/2004	Jacobson et al.	
	A43	6710540	03/23/2004	Albert et al.	
	A44	6704133	03/09/2004	Gates et al.	
	A45	6693620	02/17/2004	Herb et al.	
	A46	6683333	01/27/2004	Kazlas et al.	
	A47	6680725	01/20/2004	Jacobson	
	A48	6672921	01/06/2004	Liang et al.	
	A49	6664944	12/16/2003	Albert et al.	
	A50	6657772	12/02/2003	Loxley	
	A51	6652075	11/25/2003	Jacobson	
	A52	6639578	10/28/2003	Comiskey et al.	
	A53	6580545	06/17/2003	Morrison et al.	
	A54	6545291	04/08/2003	Amundson et al.	
	A55	6538801	03/25/2003	Jacobson et al.	
	A56	6535197	03/18/2003	Comiskey et al.	
	A57	6531997	03/11/2003	Gates et al.	
	A58	6521489	02/18/2003	Duthaler et al.	
	A59	6518949	02/11/2003	Drzaic	
	A60	6515649	02/04/2003	Albert et al.	

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Complete if Known Substitute for form 1449/PTO 10/604,630 Application Number August 6, 2003 Filing Date **INFORMATION DISCLOSURE** Danner First Named Inventor STATEMENT BY APPLICANT 2674 Art Unit Edouard, Patrick N. (Using as many sheets as necessary) **Examiner Name** 

Attorney Docket No.

H-356

U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Downson Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
iniuais	-	Document Number 6512354	01/28/2003	Jacobson et al.	rassages of Figures Appear
	A61		01/26/2003	Duthaler et al.	
	A62	6506438	<del> </del>	Gates et al.	
_	A63	6504524	01/07/2003	<b></b>	
	A64	6498114	12/24/2002	Amundson et al.	
	A65	6480182	11/12/2002	Turner et al.	
	A66	6473072	10/29/2002	Comiskey et al.	
	A67	6459418	10/01/2002	Comiskey et al.	
	A68	6445489	09/03/2002	Jacobson et al.	
	A69	6445374	09/03/2002	Albert et al.	
	A70	6422687	07/23/2002	Jacobson	
	A71	6413790	07/02/2002	Duthaler et al.	
	A72	6400571	06/04/2002	Kimura et al.	
	A73	6392786	05/21/2002	Albert	
	A74	6392785	05/21/2002	Albert et al.	
	A75	6377387	04/23/2002	Duthaler et al.	
	A76	6376828	04/23/2002	Comiskey	
	A77	6327072	12/04/2001	Comiskey et al.	
	A78	6323989	11/27/2001	Jacobson et al.	
	A79	6312971	11/06/2001	Amundson et al.	
	A80	6312304	11/06/2001	Duthaler et al.	
	A81	6301038	10/09/2001	Fitzmaurice et al.	
	A82	6300932	10/09/2001	Albert	
	A83	6271823	08/07/2001	Gordon , II et al.	
	A84	6262833	07/17/2001	Loxley et al.	
	A85	6262706	07/17/2001	Albert et al.	· · · · · · · · · · · · · · · · · · ·
	A86	6252564	06/26/2001	Albert et al.	
···-	A87	6249271	06/19/2001	Albert et al.	
<del>-</del>	A88	6241921	06/05/2001	Jacobson et al.	<u> </u>
· <u>-</u>	A89	6232950	05/15/2001	Albert et al.	
	A90	6225971	05/01/2001	Gordon , II et al.	

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Complete if Known Substitute for form 1449/PTO 10/604,630 Application Number August 6, 2003 Filing Date **INFORMATION DISCLOSURE** Danner First Named Inventor STATEMENT BY APPLICANT 2674 Art Unit (Using as many sheets as necessary) Edouard, Patrick N. **Examiner Name** H-356

Attorney Docket No.

U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
	A91	6184856	02/06/2001	Gordon , II et al.	
	A92	6177947	01/23/2001	Wen et al.	
	A93	6177921	01/23/2001	Comiskey et al.	
	A94	6172798	01/09/2001	Albert et al.	
	A95	6147791	11/14/2000	Sheridon	
	A96	6144361	11/07/2000	Gordon , II et al.	
	A97	6137467	10/24/2000	Sheridon et al.	
	A98	6130774	10/10/2000	Albert et al.	
	A99	6130773	10/10/2000	Jacobson et al.	
	A100	6128124	10/03/2000	Silverman	
	A101	6124851	09/26/2000	Jacobson	
	A102	6120839	09/19/2000	Comiskey et al.	
	A103	6120588	09/19/2000	Jacobson	
	A104	6118426	09/12/2000	Albert et al.	
	A105	6097531	08/01/2000	Sheridon	
	A106	6067185	05/23/2000	Albert et al.	
	A107	6055091	04/25/2000	Sheridon et al.	
	A108	6054071	04/25/2000	Mikkelsen, Jr.	
	A109	6017584	01/25/2000	Albert et al.	
	A110	5961804	10/05/1999	Jacobson et al.	
	A111	5930026	07/27/1999	Jacobson et al.	
	A112	5872552	02/16/1999	Gordon , Il et al.	
	A113	5808783	09/15/1998	Crowley	
	A114	5777782	07/07/1998	Sheridon	
	A115	5760761	06/02/1998	Sheridon	
	A116	5745094	04/28/1998	Gordon , II et al.	
	A117	5688584	11/18/97	Casson et al.	
	A118	4418346	11/29/1983	Batchelder	-
	A119	4068927	1/17/78	White	
	A120	3892568	07/01/1975	Ota	

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Signature	Date Considered	

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Sheet:

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U.S. Patent Documents							
Examiner Initials*	Cite No. *1 Document Number		Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear		
	A121	3870517	03/11/1975	Ota et al.			
	A122	3792308	02/12/1974	Ota			
	A123	3767392	10/23/1973	Ota			
	A124	3756693	09/14/1973	Ota			
		3668106	06/06/1972	Ota			
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			IFirst Named Inventor	Danner 2674		
S	TATEM	<b>ENT BY APPLICANT</b>	Art Unit			
	(Using a	as many sheets as necessary)	Examiner Name	Edouard, Patrick N.		
Sheet:	6 of:	8	Attorney Docket No.	H-356		

			F	oreign Patent D	ocuments		
Examiner Initials*	Cite No. Document Number Country Code - Number - Kind Code (if known)		Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear	Т	
	B1	EP_	1 162 496 A1	12/12/2001	Miwa Science Lab Inc		
	B2	EP	1 145 072B1	05/07/2003	E Ink Corporation		
	В3	РСТ	WO 03/107315	12/24/2003	E Ink Corporation		
	B4	РСТ	WO 01/27690 `	04/19/2001	University College Dublin		
	B5	РСТ	WO 01/07961	02/01/2001	E Ink Corporation		
	В6	РСТ	WO 00/67327	11/09/2000	E Ink Corporation		
	B7	РСТ	WO 00/67110	11/09/2000	E Ink Corporation		
	B8	PCT	WO 00/38000	06/29/2000	E Ink Corporation		
	В9	РСТ	WO 00/36560	06/22/2000	E Ink Corporation		
	B10	PCT	WO 00/05704	02/03/2000	E Ink Corporation		
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ST	ATEMEN	T BY A	PPLICANT	Art Unit	2674		
	(Using as ma	ny sheets as	necessary)	Examiner Name	Edouard, Patrick N.		
Sheet:	7	of:	8	Attorney Docket No.	H-356		

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. *1	Document Citation	T*2
	C1	Amundson, K., et al., "Flexible, Active-Matrix Display Constructed Using a Microencapsulated Electrophoretic Material and an Organic-Semiconductor-Based Backplane", SID 01 Digest, 160 (June 2001)	
	C2	Bach, U., et al., "Nanomaterials-Based Electrochromics for Paper-Quality Displays", Adv. Mater, 14(11), 845 (2002)	
	СЗ	Chen, Y., et al., "A Conformable Electronic Ink Display using a Foil-Based a-Si TFT Array", SID 01 Digest, 157 (June 2001)	
	C4	Comiskey, B., et al., "An electrophoretic ink for all-printed reflective electronic displays", Nature, 394, 253 (1998)	
	C5	Comiskey, B., et al., "Electrophoretic Ink: A Printable Display Material", SID 97 Digest (1997), page 75	
	C6	Danner, G.M. et al., "Reliability Performance for Microencapsulated Electrophoretic Displays with Simulated Active Matrix Drive", SID 03 Digest, 573 (2003)	
	C7	Drzaic, P., et al., "A Printed and Rollable Bistable Electronic Display", SID 98 Digest (1998), page 1131	
	C8	Duthaler, G., et al., "Active-Matrix Color Displays Using Electrophoretic Ink and Color Filters", SID 02 Digest, 1374 (2002)	
	C9	Henzen, A. et al., "Development of Active Matrix Electronic Ink Displays for Handheld Devices", SID 03 Digest, 176, (2003)	
	C10	Jacobson, J., et al., "The last book", IBM Systems J., 36, 457 (1997)	

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Chapt: 9 of: 9	Attorney Docket No.	H-356		

		NON-PATENT LITERATURE DOCUMENTS	
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	C11	Jo, G-R, et al., "Toner Display Based on Particle Movements", Chem. Mater, 14, 664 (2002)	$\sqcup$
	C12	Kazlas, P., et al., "12.1" SVGA Microencapsulated Electrophoretic Active Matrix Display for Information Applicances", SID 01 Digest, 152 (June 2001)	
	C13	Kitamura, T., et al., "Electrical toner movement for electronic paper-like display", Asia Display/IDW '01, page 1517, Paper HCS1-1 (2001)	
	C14	O'Regan, B. et al., "A Low Cost, High-efficiency Solar Cell Based on Dye-sensitized colloidal TiO2 Films", Nature, Volume 353, October 24, 1991, 773-740	
	C15	Pitt, M.G., et al., "Power Consumption of Microencapsulated Electrophoretic Displays for Smart Handheld Applications", SID 02 Digest, 1378 (2002)	
	C16	Webber, R., "Image Stability in Active-Matrix Microencapsulated Electrophoretic Displays", SID 02 Digest, 126 (2002)	
	C17	Wood, D., "An Electrochromic Renaissance?" Information Display, 18(3), 24 (March 2002)	$\square$
	C18	Yamaguchi, Y., et al., "Toner display using insulative particles charged triboelectrically", Asia Display/IDW '01, page 1729, Paper AMD4-4 (2001)	
	C19	Zehner, R. et al., "Drive Waveforms for Active Matrix Electrophoretic Displays", SID 03 Digest, 842 (2003)	
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